Product datasheet for KN203924BN

COUP TF1 (NR2F1) Human Gene Knockout Kit (CRISPR)

Product data:

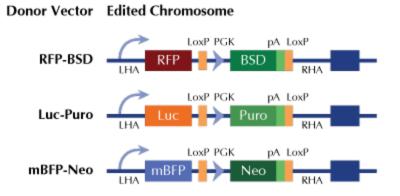|	
Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 mBFP-Neo donor, 1 scramble control
Donor DNA:	mBFP-Neo
Symbol:	COUP TF1
Locus ID:	7025
Components:	**KN203924G1**, COUP TF1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) **KN203924G2**, COUP TF1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) **KN203924BND**, donor DNA containing left and right homologous arms and mBFP-Neo functional cassette. **GE100003**, scramble sequence in pCas-Guide vector
Disclaimer:	These products are manufactured and supplied by OriGene under license from ERS. The kit is designed based on the best knowledge of CRISPR technology. The system has been functionally validated for knocking-in the cassette downstream the native promoter. The efficiency of the knock-out varies due to the nature of the biology and the complexity of the experimental process.
RefSeq:	NM_005654
UniProt ID:	P10589
Synonyms:	BBOAS; BBSOAS; COUP-TFI; EAR-3; EAR3; ERBAL3; NR2F2; SVP44; TCFCOUP1; TFCOUP1
Summary:	The protein encoded by this gene is a nuclear hormone receptor and transcriptional regulator. The encoded protein acts as a homodimer and binds to 5'-AGGTCA-3' repeats. Defects in this gene are a cause of Bosch-Boonstra optic atrophy syndrome (BBOAS). [provided by RefSeq, Apr 2014]

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Product images:

RFP, Luc, and mBFP will be under native gene promoter